

0590 #8

PTO/SB/17 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="margin:0;">FEE TRANSMITTAL</h1> <h2 style="margin:0;">for FY 2002</h2> <p style="margin:0;">(Substitute form)</p> <p style="margin:0;">Patent fees are subject to annual revision.</p>		<p style="margin:0;"><b>Complete if Known</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>HU et al.</td></tr> <tr><td>Filing Date</td><td>August 24, 2001</td></tr> <tr><td>First Named Inventor</td><td>09/935,726</td></tr> <tr><td>Examiner Name</td><td>Unassigned</td></tr> <tr><td>Group Art Unit</td><td>1647</td></tr> <tr><td>Attorney Docket Number</td><td>PF112P3D1C1</td></tr> </table>		Application Number	HU et al.	Filing Date	August 24, 2001	First Named Inventor	09/935,726	Examiner Name	Unassigned	Group Art Unit	1647	Attorney Docket Number	PF112P3D1C1
Application Number	HU et al.														
Filing Date	August 24, 2001														
First Named Inventor	09/935,726														
Examiner Name	Unassigned														
Group Art Unit	1647														
Attorney Docket Number	PF112P3D1C1														
<p style="margin:0;">Total Amount of Payment</p> <p style="margin:0; font-size: 1.2em;"><b>\$ 0.00</b></p>															

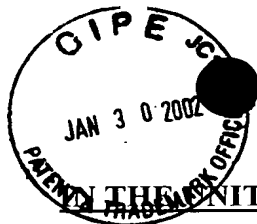
RECEIVED  
FEB 01 2002  
TECH CENTER 1600/2900

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																																									
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <b>08-3425</b></p> <p>Deposit Account Name <b>Human Genome Sciences, Inc.</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed:  <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other*</p>				<p>3. <b>ADDITIONAL FEES</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>195</td><td>300</td><td>195</td><td>300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>098</td><td>130</td><td>098</td><td>130</td><td>Processing fee, except in provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee for provisional applications</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>145</td><td>100</td><td>145</td><td>100</td><td>Certificate of correction</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>Request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>099</td><td>8,800</td><td>099</td><td>8,800</td><td>Request for <i>inter partes</i> reexamination</td><td></td></tr> <tr><td>148</td><td>110</td><td>248</td><td>55</td><td>Statutory disclaimer</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>091</td><td>1,280</td><td>091</td><td>1,280</td><td>Acceptance of an unintentionally delayed claim for priority</td><td></td></tr> <tr><td>561</td><td>3</td><td>561</td><td>3</td><td>Printed copy of patent, regular service</td><td></td></tr> <tr><td>581</td><td>40</td><td>481</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td colspan="5">Other fee (specify):</td><td></td></tr> <tr><td colspan="5">Other fee (specify):</td><td></td></tr> <tr><td colspan="5">Other fee (specify):</td><td></td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		142	1,280	242	640	Utility issue fee (or reissue)		195	300	195	300	Publication fee for early, voluntary, or normal publication		179	740	279	370	Request for Continued Examination (RCE)		098	130	098	130	Processing fee, except in provisional applications		126	180	126	180	Submission of Information Disclosure Statement		123	50	123	50	Processing fee for provisional applications		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))		145	100	145	100	Certificate of correction		147	2,520	147	2,520	Request for <i>ex parte</i> reexamination		099	8,800	099	8,800	Request for <i>inter partes</i> reexamination		148	110	248	55	Statutory disclaimer		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		122	130	122	130	Petitions to the Commissioner		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,280	241	640	Petition to revive unintentionally abandoned application		091	1,280	091	1,280	Acceptance of an unintentionally delayed claim for priority		561	3	561	3	Printed copy of patent, regular service		581	40	481	40	Recording each patent assignment per property (times number of properties)		Other fee (specify):						Other fee (specify):						Other fee (specify):					
Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																								
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																									
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																									
139	130	139	130	Non-English specification																																																																																																																																																																																																									
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																									
195	300	195	300	Publication fee for early, voluntary, or normal publication																																																																																																																																																																																																									
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																									
098	130	098	130	Processing fee, except in provisional applications																																																																																																																																																																																																									
126	180	126	180	Submission of Information Disclosure Statement																																																																																																																																																																																																									
123	50	123	50	Processing fee for provisional applications																																																																																																																																																																																																									
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																									
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																									
145	100	145	100	Certificate of correction																																																																																																																																																																																																									
147	2,520	147	2,520	Request for <i>ex parte</i> reexamination																																																																																																																																																																																																									
099	8,800	099	8,800	Request for <i>inter partes</i> reexamination																																																																																																																																																																																																									
148	110	248	55	Statutory disclaimer																																																																																																																																																																																																									
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																									
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																									
117	920	217	460	Extension for reply within third month																																																																																																																																																																																																									
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																									
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																																									
119	320	219	160	Notice of appeal																																																																																																																																																																																																									
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																									
121	280	221	140	Request for oral hearing																																																																																																																																																																																																									
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																									
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																																									
141	1,280	241	640	Petition to revive unintentionally abandoned application																																																																																																																																																																																																									
091	1,280	091	1,280	Acceptance of an unintentionally delayed claim for priority																																																																																																																																																																																																									
561	3	561	3	Printed copy of patent, regular service																																																																																																																																																																																																									
581	40	481	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																									
Other fee (specify):																																																																																																																																																																																																													
Other fee (specify):																																																																																																																																																																																																													
Other fee (specify):																																																																																																																																																																																																													
<p><b>1. BASIC FILING FEE</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td></td><td></td><td>101</td><td>740</td><td>Utility filing fee</td><td></td></tr> <tr><td></td><td></td><td>106</td><td>330</td><td>Design filing fee</td><td></td></tr> <tr><td></td><td></td><td>107</td><td>510</td><td>Plant filing fee</td><td></td></tr> <tr><td></td><td></td><td>108</td><td>740</td><td>Reissue filing fee</td><td></td></tr> <tr><td></td><td></td><td>114</td><td>160</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td><td><b>\$0.00</b></td></tr> </tbody> </table> <p><b>2. EXTRA CLAIM FEES</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Independent Claims</td><td>-20*</td><td>\$18.00</td><td></td></tr> <tr><td>Multiple Dependent</td><td>-3*</td><td>\$84.00</td><td></td></tr> <tr><td colspan="3"></td><td>\$280.00</td></tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td></td><td></td><td>103</td><td>18</td><td>Claims in excess of 20</td><td></td></tr> <tr><td></td><td></td><td>102</td><td>84</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td></td><td></td><td>104</td><td>280</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td></td><td></td><td>108</td><td>84</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td></td><td></td><td>110</td><td>18</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td><td><b>\$0.00</b></td></tr> </tbody> </table> <p>* or number previously paid, if greater; For Reissues, see above</p>				Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			101	740	Utility filing fee				106	330	Design filing fee				107	510	Plant filing fee				108	740	Reissue filing fee				114	160	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>\$0.00</b>	Total Claims	Extra Claims	Fee from below	Fee Paid	Independent Claims	-20*	\$18.00		Multiple Dependent	-3*	\$84.00					\$280.00	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			103	18	Claims in excess of 20				102	84	Independent claims in excess of 3				104	280	Multiple dependent claim, if not paid				108	84	Reissue independent claims over original patent				110	18	Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>\$0.00</b>	<p><b>Other fee (specify):</b></p> <p><b>Other fee (specify):</b></p> <p><b>Other fee (specify):</b></p> <p><b>Reduced by Basic Filing Fee Paid</b></p> <p style="text-align: right;"><b>SUBTOTAL (3) \$ 0.00</b></p>																																																																																																					
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																								
		101	740	Utility filing fee																																																																																																																																																																																																									
		106	330	Design filing fee																																																																																																																																																																																																									
		107	510	Plant filing fee																																																																																																																																																																																																									
		108	740	Reissue filing fee																																																																																																																																																																																																									
		114	160	Provisional filing fee																																																																																																																																																																																																									
<b>SUBTOTAL (1)</b>					<b>\$0.00</b>																																																																																																																																																																																																								
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																										
Independent Claims	-20*	\$18.00																																																																																																																																																																																																											
Multiple Dependent	-3*	\$84.00																																																																																																																																																																																																											
			\$280.00																																																																																																																																																																																																										
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																								
		103	18	Claims in excess of 20																																																																																																																																																																																																									
		102	84	Independent claims in excess of 3																																																																																																																																																																																																									
		104	280	Multiple dependent claim, if not paid																																																																																																																																																																																																									
		108	84	Reissue independent claims over original patent																																																																																																																																																																																																									
		110	18	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																									
<b>SUBTOTAL (2)</b>					<b>\$0.00</b>																																																																																																																																																																																																								

Submitted By		Complete (if applicable)	
Name (Print/Type)	Michele M. Wales	Registration No.:	43,975
Signature:	<i>Michele M. Wales</i>	Telephone	301-610-5772
		Date:	1/30/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



RECEIVED  
FEB 01 2002  
TECH CENTER 1600/2900

UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HU et al.

Application Serial No.: 09/935,726

Art Unit: 1647

Filing Date: August 24, 2001

Examiner: To be assigned

Title: Vascular Endothelial Growth  
Factor 2

Atty. Docket No.: PF112P3D1C1

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

On January 25, 2002, Applicants submitted a substantive Information Disclosure Statement, Form PTO/SB/08 and 13 Statutory Declarations and accompanying exhibits. (A copy of the return receipt postcard date-stamped by the PTO "Jan 25 2002" is enclosed.) Unfortunately, due to a clerical error, the Declarations and exhibits attached hereto and listed below, were omitted from the filed documents. Applicants respectfully request consideration and entry of the attached documents.

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Attorneys for Applicants hereby direct the Examiner's attention to the following Statutory Declarations and accompanying exhibits:

- (a) Statutory Declaration of John Stanley Mattick, executed on December 12, 2000, and Exhibits JSM1-JSM4; ✓
- (b) Statutory Declaration of Nicholas Kim Hayward, executed on December 8, 2000, and Exhibits NKH1-2; ✓
- (c) Statutory Declaration of Jennifer Ruth Gamble, executed on December 12, 2000, and Exhibits JRG1-3; ✓

- (d) Statutory Declaration of Tom Rapoport, executed on December 13, 2000, and Exhibits TP1-2;
- (e) Statutory Declaration of Stuart A. Aaronson, executed on December 14, 2000, and Curriculum Vitae of Stuart A. Aaronson; ✓
- (f) Statutory Declaration of Susan Power, executed on December 13, 2000, Appendices 1-2 and Figure 1; ✓
- (g) Statutory Declaration of Gary Baxter Cox, executed on December 13, 2000, and Exhibits GBC-1 – GBC 23; ✓
- (h) Statutory Declaration of Peter Adrian Walton Rogers, executed on November 12, 2001, and exhibits PAWR-1 through PAWR-14; and ✓
- (i) Statutory Declaration of Francis John Ballard, executed on December 12, 2001 and exhibit 1. ✓

The above-listed declarations and accompanying exhibits were brought to the attention of the Applicants in connection with an opposition to an Australian application that essentially corresponds to the U.S. priority application in this case. A copy of the above-listed Declarations and accompanying exhibits thereto, are enclosed.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be considered during the prosecution of this application.

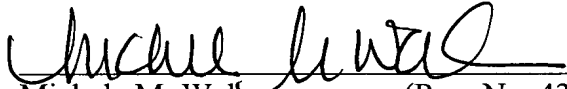
Identification of the listed reference(s) is not to be construed an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

Applicants respectfully request that the Examiner acknowledge receipt of the enclosed Declarations and exhibits attached thereto, in the file of the instant application.

Pursuant to 37 C.F.R. § 1.97(b), since this information disclosure statement is being filed before the mailing date of a first Office Action on the merits, no fee is due in connection herewith. However, should the Patent Office determine otherwise, please charge the required fee to Human Genome Sciences, Inc., deposit account no. 08-3425. A Fee Transmittal is also enclosed.

Respectfully submitted,

Dated: Jan 31, 2007

  
Michele M. Wallace (Reg. No. 43,975)  
Attorney for Applicants

**Human Genome Sciences, Inc.**  
9410 Key West Avenue  
Rockville, Maryland 20850  
Telephone: (301) 610-5772

Enclosures  
MMW/AKR/lcc